NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NO.NEWZ/BBMP/DD/2018-19 Date:-15-02-2019

To,
The Executive Engineer,
Dasarahaali Division
Hesaraghatta Main Road
Bangalore-560073

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: Providing Drinking Water Facilities In Ward No.13 In Shettyhalli Sub Division			
Item No	Description of work	Unit	Qty
1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in	Cum	641.12
2	Stone dust / Grit Page No.II PW,P&IWTD SR2018-19	Cum	141.60
3	KSRB13-3.9 : Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 100mm dia nominal bore with all fittings (earth work in trenches to be	Mtr	472.00
4	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam	Cum	74.24
5	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse	Cum	75.96
6	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in	Cum	75.96
7	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical	Each	1.00
8	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of	Mtr	0.00
	0.00 to 50.00 Mtr.	Mtr	50.00
	50.00 to 100.00 Mtr.	Mtr	50.00
	100.00 to 150.00 Mtr.	Mtr	50.00
	150.00 to 200.00 Mtr.	Mtr	50.00
	200.00 to 250.00 Mtr.	Mtr	50.00
	250.00 to 300.00 Mtr.	Mtr	50.00
	300.00 to 350.00 Mtr.	Mtr	50.00
9	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming	Rmt	42.00
10	Providing and fixing 250mm dia PVC pipe and as per specification and directions. (BWSSB SR 13-14, P.No.53 I.no.1 of sl.no.11.)	Rmt	6.00
11	175 mm dia M.S. Casing cap (P.NO-III, I.NO-85, PRED 12-13 SR)6	Each	1.00
12	supply of 175mm M.S collars each (P.NO-III, I.NO-86, PRED 12-13 SR)	Each	7.00

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Item No	Description of work	Unit	Qty
13	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for	Nos	1.00
14	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using	Rmtr	260.00
15	Coller	Each	27.00
16	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3	Rmt	285.00
17	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size	Nos	1.00
18	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing	Sqm Cr	22000.00
19	Providing & Fixing of clamps set and borewell cap to the pump (MR)	No's	1.00
20	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve. (PWD SR-	No's	2.00
21	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer	No's	4.00
22	Providing and fixing of 50mm GI Shortbend to motor (PWD SR-2018-19, P.NO.XXXIX, G.I. Pipe Fittings - ISI Standards Table)	No's	2.00
23	Providing and fixing of 50mm GI union to the motor (PWD SR-2018-19, P.NO.XXXIX, G.I. Pipe Fittings - ISI Standards Table)	No's	2.00
24	suppling & fixing of 50mm GI Elbow PWD SR 18-19 XXXIX	No's	1.00
25	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the	er leng	52.00
26	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out	No's	1.00
27	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63	No's	1.00
28	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1	Mtr	35.00
29	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P.NO - 554, I.NO -	Mtr	35.00
30	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b),	Mtr	3.00
31	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr	No's	1.00
32	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps,	No's	1.00
33	Supplying shunt capacitor's confirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No's. (MR)	No's	1.00
34	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc,. Complete. 50mm dia	No's	2.00

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Item No	Description of work	Unit	Qty
35	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to	No's	1.00
36	Erection of pumping machineries PRE SR 12-13 pg 51/10.3.20	No	1.00
37	KPTCL Deposit charges	L/S	1.00
38	Borewell registration charges per Rs 1000 each for BWSSB	L/S	1.00
39	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain	Rmt	43.00
40	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain	Rmt	7.50
41	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain	Rmt	3.00
42	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 40mm nominal bore including cost of all materials,	Each	3.00
43	KSRB 13.6.1-1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments	No's	5.00
44	Supplying of 40mm dia Elbows (Page No.XXXIX)	No's	5.00
45	Supplying of 25mm dia Elbows (Page No.XXXIX)	No's	5.00
46	Supplying of 40mm dia Union (Page No.XXXIX)	No's	5.00
47	Supplying of 25mm dia Union (Page No.XXXIX)	No's	5.00
48	Supplying of 25mm dia Nipple (Page No.XXXIX)	No's	5.00
49	Supplying of 25mm dia Reducer Elbow (Page No.XXXIX)	No's	5.00
50	Supplying of 25mm dia Reducer socket (Page No.XXXIX)	No's	5.00
51	Supplying of 40mm dia Tees (Page No.XXXIX)	No's	5.00
52	Filling available earth around pipe lines cable in layers not exceeding 20cms, in depth compacting each deposited layer by ramming after watering with lead upto 50m and	Cum	544.95

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final bill

Thanking you,

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

With Regards,

For Newzen Consultants Bangalore

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